

" American Ionospheric Propagation Association "

TV - DX

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Volume 5 AIPA Elections This Month
Number 4 Please VOTE !

April 6, 1958
Page One

AIPA Bulletin---Published first week of each month, 12 issues per year.
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Editorial...

As per usual April is the month for the annual AIPA elections. This year, as last, will find the election in the hands of Bedford Brown, our CCI editor. His address being: Room 411, Goodall Wooten, 2116 Guadalupe, Austin, Texas. The post card ballot will again be used for your convenience, thus all you have to do is fill in your choices (President, Vice President & 6 board members) and place post card in nearest mail box. All members are eligible to vote and following is list of those eligible to be elected or voted upon:

Bedford Brown	Jerry Don Burch	Bob Grimes	Ray Bell
Ken B. Cooper	Percy Cox	Norris Doyle	Bob Martin
Gordon E. Simkin	Dennis Smith	Jim Thornton	Leo Weiner
John Cody	Carlton Howington	Don Middleton	E. S. Bruce
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John Winegard	Edward Rugel	Edwin Shorey	Ross Brown
Milton Bay	George Bergen	Bill Meers	Jim Dillon
Walker Ray	Ed Bourgeois	Percy Flanagan	Bert Webb
Ray Escoffier	Clarence Rareshide	George Webster	John Black
Raymond Bailey	Alton Caldwell	William Grant	Hal Gluck
James Howarth	Harry Webster	Denny Cline	Jerry Easter
John Bettersworth	B.J. Bingham	Ivon Harris	Hank Ward
Alfonso Patron	Ben Deibler	Richard Brelia	Geo. Jacobs
Albert Bull	Tom Carberry	Oscar Carlson	
Art Collins	Norm Erint	Carlton Lord	
Karl Mohnert	Dan Samuels	Kingdon Schafer	
Robert Seybold	Albert Kopec	Kenneth Stoll	
Wendell Rose	Maurice Eschay	Ron Vastola	
Don Voegelé	Stanley Penc	Kenneth Moses	
H.E. Apley	James Habermohl	Frank Hill	
Wm. C. Palmer	John Parillo	Walter Spaulding	
Paul Swartz	M.W. DeGeer	Alan Livingston	
Eddie Albright	Ed Hepp	Jack Jacobson	
Ghislin Girard	James Hardwicke	Bryan Rawlings	Ronald Boyd
George Palmer	David Janewiak	Doris Johnson	Charles Stephenson
Armand Pelland	Richard Lindemann	Clinton Day	Frank Wheeler
D. Quentin Glenn	Michael Evangelista	John Broomall	Lawrence Crawford
N.S. Harper	Albert Warren	Ferdinand Dombrowski Jr.	Bill Nieman
Richard Nieman	Bill Pelton	...Editorial continued on Page 5.....	

"Various Thoughts"

This month I intended to talk on the new Zenith line of television receivers, but since my own unit has not arrived yet, we must postpone same until next month. However, it gives me the chance to mention a few items which I consider deserve attention.

John Owen Broomall previously of Due West, S.C., and who now resides at 578 Park Drive N.E., Atlanta 6, Ga. is still in the market for back issues of the AIPA bulletin. I believe he will pay 10 cents each for them, but let him know what the dates are first/. He only needs one of each. Also John is now the verie signer for WLW-A ch11, and WETV(TV) ch32 both of Atlanta. Write him at the pre-mentioned address for such. Correct reports will be taken care of. See the "Rank" for more details on Atlanta verie signers.

In the past Art Collins and I have prepared and sent along to all of you lists of the AIPA membership. As you all know this is not part of an AIPA membership, but an edition. Very shortly we will again start work on these lists, but with one difference--they are going to cost money this time! Twenty cents each (20¢) to be exact, or two for thirty-five cents (35¢). These new lists will be as up to date as possible and will replace all previous issues. So, if you think you would like a copy, get your order in now. Just send your name and address with the required cash (no stamps please) to: Art Collins, 68 Amber St., Buffalo 20, N.Y. I wish you would do me a favor and get your orders in early, as I can better estimate the printing requirements this way.

If you may wonder why these lists now have a price on their heads, it's just the hard boiled fact that the AIPA is nearly \$200 in the hole! In other words, Bob and Art are walking around with very thin wallets these days, and something just has to be done about it. Therefore it may be only a drop in the bucket, but I do hope each and everyone of you orders a list even if you don't want one. Another fact we must consider sooner or later is the increasing of membership dues from the present two dollars to three dollars per year, and foreign membership likewise. This will especially be true if the postal rates are hiked. So I do hope you all understand the problem involved here, as the very future of our organization is at stake! How about sending along suggestions on how you think our money problems can be calmed? We need and desire everyone's arm in this matter.

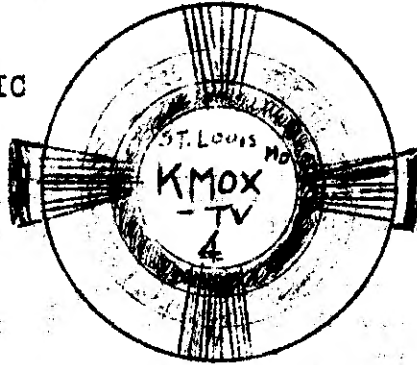
From what I understand this month signals the yearly AIPA election which at the time of this writing I lack details of etc. The only thing I would like to bring up about it however, concerns the ballot post cards enclosed with the bulletin. Now you all notice they are all prepared & ready to go, needing only your selections for the various AIPA posts at stake. My point is may I remind all you members other than those living in American postal zones, to enclose your card in a separate envelope, and air mail it to the official election director as mentioned in the editorial. I would also like to advise members in Europe that even if their vote arrives after the results of the election have been published, any adjustments required will be made for the benefit of all concerned.

This month I would like to welcome my friend, Heinar Tammets of Sauna 1-11, Tallinn, Estonia U.S.S.R. to the AIPA ranks! Heinar states he is willing to help Dxers identify European Dx, if enough information is given, and possibly a photo.

Best Dx & 73's,
King Schafer

F.S. Get away from the family--attend the AIPA convention this July.

" FCC NEWS "



April 6, 1958

Compiled by Art Collins

GRANTS

Ch 6 Nampa, Idaho.
 Ch 12 Logan, Utah 2.95Kw-1.48Kw.
 Ch 54 Utica, N.Y. 25.7Kw-13.8Kw.

Call Letters Assigned.

Ch 2 KWSL(TV) N. Platte, Neb. to KNOP(TV)
 Ch 4 KWK-TV St. Louis, Mo. to KMOX-TV
 Ch 9 KMGM-TV Minneapolis, Minn. to
 KMSP(TV)

Ch 10 WIRT(TV) Hibbing, Minn.
 Ch 11 KCPP(TV) St. Louis, Mo. KMOX-TV
 was previous assigned.

APPLICATIONS

Ch 2 Portland, Ore. 100Kw.-60.3Kw.
 Ch 5 Dawson Creek B.C. (CJDC)
 Ch 6 Pocatello, Idaho (KBLI Inc.)
 Ch 8 Wailuku, Maui, Hawaii.
 Ch 13 Alliance, Neb.
 Ch 17 Bakersfield, Calif.
 Ch 31 Huntsville, Ala.
 Ch 40 Sacramento, Calif.

MIS'L NEWS

JHVR-TV ch 3 in Barrie, Ont. Canada is on every Friday nite, ALL NITE. Programming will consist Movies, News, Weather reports, Sports, and some live, until 9:00 AM Sat. morning. send reports to Jack Mattenley....

LJH-TV ch 4 Hays Springs, Neb. now on Ch 4 as satellite of ch 3 KOTA-TV in Rapid City, S.D. they are operating with 100Kw..

RTM-TV ch 13 Three Rivers, Que. Can. now on the air.

SIL-TV ch 22 in Harrisburg, Ill. to operate temporary on ch 3.

TWO(TV) ch 2 Bangor, Maine is sold! Watch for a call letter change!

ABG-TV ch 6 Greenwood, Miss. CBS-TV affiliate on or about June 1st.

AKJ ch 4 Reno, Nev. is to surrender Construction permit.

The Application for ch 13 of Newport News in Norfolk, Va. dismissed.

ABTX-TV ch 3 Bryan, Texas joins CBS-TV.

WPTZ ch 5 in Plattsburg, N.Y. requesting power-up Fr 20Kw. 12Kw Aur. to 51 Kw. Vis. 31Kw Aur. and Trans to higher ground. (Now some of our Boys here will have a chance to get this one. HI, King!) WOW, I'll get it for this remark !!!!!.

You boys who are interested in Radio--Frank Sinatra granted right to buy control of three Pacific Radio Stations (\$2,000,000) KJR, Seattle, KXL, Portland, Ore. KNEW, Spokane, Wash.

At this time we wish to welcome Harry Webster, East Jordan, Mich. and Ed Farrell of Flushing, N.Y. for another year in the AIPA. and a new member- Bob Inman 1309 Fremont, Crawfordville, Ind. Hope you enjoy the years membership Bob.

This month April 19-23 we have the most important Meteor Shower run, Lyrids by name. They should produce much MS. Watch this period....

Art.

"RANK COLUMN"

April 6, 1958

Volume 5
Number 4Compiled by
Walter Spaulding.

Well here it is April and only two or three more months till our convention in Illinois hope to see 50 or more people there am going to be there if nothing happens

King Schafer writes that he has conducted a survey to Atlanta Georgia 4 TV Stations to find out what they thought was the best method of getting a TV DX verification. Here are there reports

WETV 30 WLWA II Write me: John Owen Broomall, 740 Bismark Road, Atlanta 5, Georgia for verification of these two stations.

WSB 2 Mr. Robert Holbrook, Chief Engineer WSB, sends personal letters of verification for each report of reception. Incorrect get a "Thank you".

WAGA 5 Mr. Hugo Bondy, Chief Engineer WAGA, sends out a thank you card, but only for valid reports which have been checked with there log.

Mr. Jackson, General Manager of WAGA-TV, thinks DXers should send reports forms, already filled out and only needing the verifier's signature to DX stations received. He said "The easier it is, the more likely a station will send a reply".

Thanks very much for your report King. I beleive that is a good idea. Will try that same thing with my local stations.

Our new member Mr Ferdinand Dombrowski Jr. from Okauchee Wis. sends in the folling.

KROC-10 Rochester Minn. G. David Gentling
WOOD-8 Grand Rapids Mich. Clark Grant
WFRV-5 Green Bay Wisc. John C. Schultz Sta. Mgr.
WBNS-10 Columbus Ohio Lester H. Nafgger CE
WREC-3 Memphis Tenn. Wilson Raney-CE
WKY-4 Oklahoma City Okla. Gene Lyons CE
KPRC-2 Houston Texas Jack Harris-Gen. Mgr. KPRC-2 has a QSL card.
LOOK-2 Billings Mont. Jeanne Miller KOOK-2 has a postcard (printed)

Mr. Jim Dillon from Regina, Sask. Canada.

KOTV-6 Oklahoma ~~City~~ Tulsa Robert Freeland Dir.
KSTP-5 Minneapolis Minn. Elizabeth Blair
KOA-4 Denver, Colorado Del Greenwood
WREC-3 Memphis, Tenn. Wilson Raney CE
KARD-3 Wichita, Kansas Miss Bernice Kerschen Promotion Sect.
KFDX-3 Wichita Falls D.A. Cannan Jr. Vice President
WOIA-3 Champaign, Illinois Phyllis Dodds Programming Department
KOKT-2 Great Bend, Kansas H.G. Haefels Chief Engineer
KBTX-3 Bryan, Texas W.B. Cox Chief Engineer

Jim said some of the signers are not recent but he received all of them in 1957. He also reports he has only channel 2 as a local with two ch. 8's 150 miles away, ch. 10 & 13 at 210 miles. The latter four stations are received on only tropes so far. He also has a all ch. 8 Winegard and a 10 element ch. 8, both about 25' above the ground. His set is a 17' 1955 Admiral. They have had television since summer of 1954 and radio since 1922, there station being the third in Canada. Regina is a city of 100,000 on a wide open prairie. He hope the above will help for fellow members and I am sure it will.

The following is some information on two educational stations here in Central Ohio. Channel 34 Columbus, Ohio, WOSU-TV 34 2480 N. Starr.

Monday 1700 2200 Tuesday 1700 2300 Wednesday 1700 2200 Thursday 1700 2130
Friday 1700 2200 Saturday & Sunday no programing.
WOET-48 1243 Elm St. Cincinnati, Ohio (Educational)
Monday 0940 1500 Tuesday 0940 1445 1830 2200 Wednesday 0940 1500
Thursday 0940 1500 1830 2115 Friday 0940 1500 no weekend telecast.

Well I guess that is thirty for this month. Am more than glad to print this column but in order to need material. Looking forward to the convention hope you all are too.

Walter W. Spaulding R.D. # 3 Cardington, Ohio

Volume 5, Number 4

Editorial...continued....

New members in this month include: Heimar Tammet, Sauna, Estonia, USSR and Edward L. Locke, K6-ARF, CAA-P.O. Box 97, Andover, MS. A grand welcome to the AIPA for both of these fine DXers. Renewals of late include: Dillon, Harry Webster. Glad to have you with us for another year, fellows.

If all goes well we plan to have our annual AIPA convention on May 12-13 a Saturday-Sunday 2 day affair in Shelbyville, Illinois where none other than Carl Zupson hides out! A big affair is planned with possible representation from TV stations (UHfers out that way) and with a lot of luck tours. And of course movies and members attending from all directions and directions. Plan now to attend and get to know more fellow members. Details for May Bulletin as follows: Longview, Wash.; Gardington, Ohio; Longview, Ohio; all April 26th; Buffalo, (FCC news) Worcester, Mass.; Austin, Texas; April 28th; Dunkirk, NY. (Eastern reports) May 1st. Watch those, fellows!

Compiled by: Bob Seybold
Bryan Williams, Montreal, Quebec--Feb 26, tropes, CKWS11; Mar 17, tropes, WONY7; Mar 19, Ms, WTM4. His log still at 41 stations logged to date.

Frank Wheeler, Erie, Pa.--Mar 11, 19, Northern Lights reception; Mar 13, tropes, WJFM5; WJFM5. Frank received his 90th varie from WSEE35. Log at 97 stations. Ed Prond, Delton, Illinois--Mar 12, Es, WWL4 (new); Mar 15, Ms, WKY4 (new); Mar 16, Ms, WBZ4; Mar 24, Ms, KGFC4 KRLD4 (both new); Mar 25, tropes, WGEM10. His log now at 80 stations with 4 new.

B.J. Bingham, Festus, Missouri--Mar 6, tropes, WHAS11 WPSD6 WTHI10 WISH8 WCIA3 WGN9 WILL12 KTVO3; Mar 7, tropes, WLWI13 WTVW7 WGEM10 KTTS10. His log at 159 stations logged to date.

Richard Nieman, Buffalo, N.Y.--Feb 20, Ms, WTA R3; Feb 27, Ms, WMBR4; Mar 4, Ms, WBA Y2; Mar 1, Ms, KVOG2; Mar 10, Ms, WKY4; Mar 21, Ms, KMOX4 (all above new); Mar 20, WSEE35; Mar 21, WSEE35; Mar 22, WSEE35 WAKR49 WFMJ21; Mar 23, WSEE35. His log now at 83 with 7 new.

Ed Bourgeois, Norco, La.--Feb 8, Es, XEW2 XXEZ3 XHGC5; Feb 10, Es, CMQ2 TGBOL3 WKAQ2 (new); Feb 28, tropes, 525 miles, WAGA5 WJBF6 WFLA8 WFGA12 WTVT13 WTVM28 WALB10 WCTV6 KGUL11 KTRK13 WABT13; Mar 10, tropes, KPRC2 KPAC4 KUHT8 KGUL11 KTRK13; Mar 22, tropes, KPAC4 KLT V7 KGUL11 KTRK12.

Carlton Howington, Homestead, Florida--Mar 4, tropes, CMBF7; Mar 7, tropes, CMA B8 CMA B11 WINK11 WLOF9 WDBO6 WESH2; Mar 10, tropes, WMBR4 WFGA12 KGUL11 (new at 950 miles) KPRC2 KRGV5 (new & verified, tropes at 1050 miles) WDSU6 KFDM6 (new); Mar 18, CMTV10 CMBF7 CMCQ9 WINK11; Mar 19, Es, KBTX, RC2; Mar 23, tropes, WESH2 WLOF9 WDBO6.

John Black, Moffat, Ontario--Feb 23, tropes, WSEE35 (new); Feb 23, same; Mar 21, 22, 28, 29, WSEE35, tropes at 125 miles. His log now at 74 stations.

B.H. Rauch, Peoria, Illinois--Jan 23, all tropes unless otherwise noted), WMT2 WKZO3; Jan 24, WKBT8; Jan 29, KMTV3; Jan 30, tropes, 200 miles; Jan 31, KCMO5 WKZO3 KRNT8 etc; Feb 1, WMT2 and WFGA12 via unknown freak propagation (new); Feb 2, WKZO3 WFEM6 KRNT8 etc; Feb 6, WKZO3; Feb 15, Ms, WRBL4 (new); Feb 19, WKBT8; Feb 20, WKZO3; Feb 23, good tropes, 300 miles, KMBC9 WLWI13 KTTS10 WKZO3 WHO13 WO15 WISN12 KWWL7 WTTV4 etc; Feb 24, WMT2 WKZO3; Feb 25, WFRV5 (new) WTCN11 WISC3 KOMU8 etc; Feb 26-27, WKZO3; Mar 8, WFEM6 WTMJ4 etc; Mar 9, WMT2 WKBT8; Mar 11, 16, 23, WKZO3; Mar 23, WKBT8 WTVW7 WISH8 WTHI10 KCRG9 etc. Log at 248.

Stan Penc, Utica, N.Y.--Mar 30, tropes, WCB S2; Ms, WBEM2 WMT2.
Clarence Pareshide, New Orleans, La.--Mar 1, Ms, WGR2; Mar 4, tropes, WJDM7 KGUL11 KTRK13; Mar 5, tropes, WFGA12 (new at 500 miles) WJDM7 WSEA12 WABT13; Mar 14, Ms, WMT2; Mar 19, Es, XEW2 XXEZ3 XHGC5; Mar 28, tropes, WSEA12 WABT13; Mar 29, Ms, WEA 12. His log now at 215 stations. Clarence would appreciate any help or ideas on: Feb 25, via Ms to NW at 12:30AM, "a Popeye cartoon". Has seen such show several times late at night and early in morning local time. Any ideas?

"Meteor Scatter Column"

Conducted by James H. Hopper, Mass.

March seems to have been a rather poor month for reports from the midwestern reports, the follows in the little better. My apologies for the reports. Somehow I got the deadline mixed up so I have now, to the dx:

Norm Erint of Kenmore, N.Y. - Jan 27, WFBM6; Jan 28, WBBM2; KVOO2; Jan 28; KOTV6; Jan 30, WSM4; Feb 3, KVOO2; Feb 12, WRBL4; Feb 12, WBBF4, WBZ4; Feb 13, WRBL4; Feb 17, KVOO2; Feb 21, WCBS2. Thanks for the report Norm.

Richard V. Nieman of Buffalo, N.Y. - Feb 20, WTAR3; Feb 21, WBAY2; March 1, KVOO2; March 10, WKY4; March 21, KMOX4. All new. 83 stations.

Edwin Shorey of Derby, Kansas; Jan 30, WTVN6; Jan 31, WTVN6; Feb 2, WBBM2, WSAZ3; Feb 4, WKZO3, WTVN6; Feb 9, WTAR3; Feb 11, WFBM6; Feb 11, WTVN6; Feb 12, WBBM2, WTVN6; Feb 14, WTVN6; Feb 16, WBBM2; Feb 17, WTAR3; Feb 17, WTVN6; Feb 23, WBBM2; Feb 24, 25, WTVN6; Feb 27, WDSM6, WTVN6; Feb 28, WBBM2; Mar 1, WBBM2; Mar 2, WBBM2, WTVN6, WJBF6, WFBM6; Mar 3, WBBM2, WTVN6; Mar 4, WTVN6; Mar 6, WTVN6, WDAY6 (new); Mar 8, WBBM2; Mar 9, KDAL3; Mar 10, WBBM2, WTVN6; Mar 12, WBBM2, Mar 13, WTVN6; Mar 14, WBBM2, WTVN6; Mar 15, WBBM2, WRC4, WAVE3; Mar 16, WBBM2, WTVN6, WJBF6; Mar 17, WTVN6; Mar 18, KYW3, WJBF6, WBBM2; Mar 19, WBBM2; Mar 20, KYW3; Mar 22, WBBM2; Mar 23, KYW3; Mar 24, KYW3, WBBM2; Mar 25, WTVN6. A very good report, thanks Edwin.

B.H. Rauch of Peoria, Ill.; Feb 23, WCBS2, WRCA4; Feb 24, WMAR2, WBEN4; Feb 25, WMAR2, WSYR3, WCBS2; Feb 26, WCBS2, WMAR2, WGR2, WRC4, WSYR3; Feb 27, WCBS2, WMAR2; Feb 28, WSYR3, WCBS2, WMAR2; Mar 1, WSYR3, WMAR2, KPRC2; Mar 2, WCBS2, WRC4; WMAR2, KPRC2, WSYR3; Mar 3, WCBS2, WMAR2; Mar 4, WSYR3; Mar 5, WMAR2, WSYR3; Mar 6, WMAR2, WCBS2; Mar 8, WSYR3, WCBS2, WRC4, WBEN4; Mar 9, WBEN4, WSYR3; Mar 10, WCBS2, WSYR3, WRCV3; Mar 11, WCBS2, WMAR2, WBTB3, WSYR3, WTVN6, WTAR3; Mar 12, WCBS2, WMAR2, WRC4, WSYR3, WTAR3; Mar 13, WMAR2, WCBS2, WSYR3; Mar 14, WMAR2, WSYR3; Mar 15, WCBS2, WMAR2, WSYR3; Mar 16, WCBS2, WSYR3, WRC4, WMAR2; Mar 17, WMAR2, WSYR3; Mar 18, WSYR3, WMAR2, WTAR3, WCBS2; Mar 19, WSYR3, WTAR3, WMAR2, WCBS2, WRCV3; Mar 20, WBTB3, WSYR3, WTAR3; Mar 21, WSYR3, WTVN6, WTAR3; Mar 22, WSYR3, WCBS2, WTAR3, KPRC2; Mar 23, WCBS2, WMAR2, KPRC2. Nice going Barney, hope you're feeling better.

Bob Seybold of Dunkirk, N.Y., March 3, KMID2; March 4, KARK4, WRBL4; March 24, WKY4; March 25, WKY4, KARK4. Thanks Bob.

That's all the reports received here by the 28th. I would still like to see more reports coming in, especially from the Eastern and Western sections. Any suggestions as to how I can make this column better would also be appreciated. So until next month, 73 and best dx, JH.

IDX LOGGING OF THE MONTH: No reports of any unusual IDX during this month, but Doris Johnson has IDed one more of her F2 loggings.

IDXers: The welcome mat goes out to Heinar Tammet of Tallinn, Estonia, a new member this month. He sends a long letter (10 pages) and a diagram of his TV with some DX photos, all very interesting. He has two local FM stations, on 67.375 and 70.875 Mc. His TV tunes from 41 to 100 Mc - he had to rebuild a coil for the bottom 7 Mc and make other set changes to get non-Russian TV. His DX log includes: BBC, Czechoslovakia, Denmark, Finland, France, Germany, Hungary, Italy, Rumania, Sweden, Switzerland, and of course other USSR stations, and TV audio from Belgium and Holland. He sends a USSR TV station list as follows: 49.75 McV, 56.25 McA - Omsk, Tomsk, Busk (in Siberia), Aladivostok (Far East), Yerevan (Caucasus), Leningrad, Minsk, Moscow, Naftshik, & Voronesh. 59.25 McV, 65.75 McA - Kalinin, Kaluga, Rjasan (relay Moscow), Gorki, Kiev, Tallinn, & Tzersk. 77.25 McV, 83.75 McA - Sverdlovsk, Barhaul (Siberia), Balcu (Caucasus), Tashkert (Central Asia), Kharkov, Kuibyshev, Moscow (2nd program), Odessa, & Riga. 85.25 McV, 91.75 McA - Tbilisi (Caucasus), Vladimir (relays Moscow), and Stalino. 93.25 McV, 99.75 McA - Stalinogorsk (relays Moscow), Kaliningrad, and Vilnius. Most of these have 5 KwV and 2.5 KWA, while a few have 15/7.5 Kw. The relay stations have 2/1 Kw. Most stations have TPs on from 1000 to 1400 GMT (all TPs are alike) and programs from 1600 to 2000 GMT. He has seen only 4 stations by tropo, Riga, Leningrad, Helsinki, and Stockholm. MS is essentially unknown, possibly due to the 200 uV sensitivity of the TV's and antennas with only 5 db of gain. Low transmitter powers don't help any, either. He wasn't able to DX from Jan 3 to 30, But Jan 30 & 31 brought Stockholm and Riga by tropo. He knows of no one in Tallinn who has IDed NYC TV. Thanks, Heinar for all the information, and good luck.

Another welcome goes to Edward M. Locke of Agana, Guam. He was in Hawaii, and is KH6ARF. He would like to get ideas, etc., on TV DXing from a number of DXers, so why don't you drop him a line? Also, if you have any back issues of the AIPA bulletin, let him know, as he'd like some. Airmail postage is just 6¢ per ounce. His full address: CAA P.O. Box 97, Agana, Guam, M.I. Good luck, Ed.

Gilbert Lundgren of Skillingaryd, Sweden, sent me some info that really had me wondering for a while. A friend of his wrote "On the date 19 Jan 1958 I was DXing, but there was no station except on E. channel 5, where there were strong signals. Suddenly I got sight of a picture, but I had no camera so I could not take a photo of it. Time was 1842 GMT and the picture was seen for 2 to 3 minutes..." He drew a sketch of what he saw, and sent a photo of the sketch along - it shows a large WBAP-TV on top, a word under it starting with O (Channel), a large building under that, with a 5 on it, and words at the bottom starting with W S % T, and a fourth word at the beginning with the first letter not showing. I'm sure most of you are familiar with this ID slide. However, looking at the info again makes it look like an attempted fake. First off, channel E-5 is not comparable to the US channel 5, but to US channel 7. Other clues are: when a 30 frame picture is received on a 25' frame set, the verticle size is small, unless time has been taken to reset the verticle size, but the drawing shows the first letter of the bottom line masked by the lower corner of the picture tube because the picture was full height. Gilbert asked me to try and get a verie from the station for it. So I wrote WBAP, and received a mimeo form letter of "Thanks for the report" type! (Maybe some of you have this one too.) So I wrote again, and explained all about the AIPA, TV DX, etc. This time I received a very nice, personal letter, which showed that on Jan 19 at 1842 GMT, they were in the middle of a 30 minute network show, and didn't have a station ID. However, they state "The picture... drawn looks exactly like the one we use..." Also, if the date was the 18th instead, they did ID at 1844 GMT that day. One more mark against the logging. So far, there is no rebuttle from the DXer, but I feel certain it was not genuine. But please note something - if the DXer had claimed reception on the 18th, and given the correct frequency, he could have obtained a positive letter verie from WBAP with no question at all. This is why a verie to me is of no more value than the DXer's word. A verie is of value to ID an otherwise unided, if program details are detailed enough. Of course, this is nothing against the collector of veries. We must trust a logging, verie or not, unless there is much evidence against it. (Excuse the digression)

George Palmer's newspaper clipping on reception of Sydney's channel 9 in Canada is another example of the unusual. A letter from Jack Wolf explains that he never had any picture - or even TV sound. He does, however, get sound on channel 9 from Australia - the Short Wave transmissions on 11.8 Mc. No unusual DX, just on an unusual receiver. He gets them almost every morning. George has not heard the BBO for some time now. He is getting US DX up to 45.7 Mc, but nothing higher. He has also heard Japan on 35.3 Mc. TE is starting now, so look out for night DX, George.

A personal GI friend of mine (Tom Lindsley) is now stationed at Eniwetok Atoll for a while. He says he will try to DX for me at times, both on TV and with an SX-62A. He is the one who took my place when I got out - two years ago now, I was in the Pacific.

Ron Boyd of Nova Scotia still has neither the BBO set, nor a set-up for US DX at school, but he is working on both. He forwards some photos taken in Portugal of US TV. The TP is very much like WMAR-2 uses. The photos were taken on Nov 2, and the time was 0838 to 0840 EST. If anyone can find out if WMAR had such a TP on then, or if any other channel 2 station uses a similar TP, please send the info along. Also, if anyone has a spare photo of WMAR's TP, I'd like it for direct comparison. Thanks.

US DXers: Ray Bell of W & J College, Washington, PA., has IDed the 42.8 Mc FM station. "Deutshe Welle, Koln writes that 42.8 is a relay station in W. Berlin for relaying broadcast network and TV audio from W. Berlin to W. Germany (Hoback) - operated by German P.O." I'll bet the 41.8 Mc signal is about the same thing.

Back on Jan 3, the day with a lot of F2 and Es, Frank Hill logged a foreign TV on ch 2, which has been tentatively IDed as PRD-TV in Rio de Janeiro. How's that for DX? He has one letter from PRD concerning it already.

Ray Escoffier sends his RTF & BBO series, along with Jan '58 info on the BBO stations. So here's the latest on BBC: Ch 1, London 200 Kw, Divis 12 Kw. Ch 2, Holme Moss 100 Kw, N.Hessary Tor 1-15 Kw, Rosemarkie 1 Kw, Londonderry 1 Kw, and Truleigh Hill 100 W. Ch 3, Kirk o' Shotts 100 Kw, Rowridge 1-32 Kw, Norwiche 1-10 Kw, Blaen Ffwy 1 Kw. Ch 4, Sutton Coldfield 100 Kw, Meldrum 4-17 Kw, Sandale 16 Kw, and Les Platons 1 Kw. Ch 5, Wenvoe 100 Kw, Pontop Pike 12 Kw, and Isle of Man 2.8 Kw. Those with K use horizontal polarization, while the others use vertical. Thanks Ray.

Doris Johnson relays a clipping from Frank Hill which says that "30 new television stations will go into operation in the Soviet Union this year, including one at Vorkuta in the Arctic Circle." Don is still working on their second TV for BBO sound, though it is not likely that BBC will be in there anymore until next winter. However, she has IDed one of the mystery F2 loggings of Jan 9. All she could see on screen was a string of K's. Hence she wrote to KDKA, but they said no, but KOKT wrote back and said it was definitely them. This being only 1500 miles means there was either Es involved with it, a very dense F2 layer, or else an unusually low F2 layer.

Clarence Rareshide sends in a few Feb IDX loggings: 8th, XEW-2, XEZ-3, XHGO-5. 10th, CMKU-2, WKAQ-2, TGBOL-3, XEW-2. 18th CMKU-2. He is also working over a new Zenith TV for DXing, and hopes to be able to get it going by next winter for Europe DX.

Stan Penc of Utica, NY, has sent some excellent photos of BBO programs. He is still working long hours, so hasn't had too much time for DXing, but has not seen any BBO video since Feb 16, with only slight traces of audio the next Sunday. He mentions that a Mr. Hartland Smith of Birmingham, Michigan, has also received BBO video. I hope to get more info on this for next month.

Larry Vehorn sends some info from the latest "Television Factbook" which I will list here: CMBF-TV-4 Camaguey, Cuba, is on with 25 Kw. El Salvador is planning YSS-TV-2 and YSU-TV-4 to be on in '58 at San Salvador, 50 & 77 Kw resp. Tehran, Iran, is planning a TV on US channel 2 for 1958 with call of TVI and 2 Kw. Dharan, Saudi Arabia is on with 12 Kw on US ch 2, call - HZ-22-TV. Lebanon and Kuwait are planning TV's for 1958 with US standards. Nicosia, Cyprus is on ch E-2 (48.25 McV, 53.75 McA). Austria is planning two 60 Kw stations for 1958, one in Patscherkofel, ch E-4, and one in Jauerling, ch E-2A (49.75 McV, 55.25 McA). Also here is the latest Mexican station list from same source: Ch 2, XEW Mexico City with 5 Kw Xmtr; Guadalajara - planned. Ch 3, XEM, Mexicali with 100 Kw and 600' tower; Ciudad Obregon & Monterrey - planned. Ch 4, XHTV Mexico City 5 Kw Xmtr; Guadalajara & Turreon - planned. Ch 5, XEJ Juarez 3.65 Kw; XHGO Mexico City 5 Kw Xmtr; Tampico - planned. Ch 6, XETV Tijuana 38 Kw; Hermosillo & Queretaro - planned. Thanks, Larry.

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George Jacobs QZ column for April doesn't forecast many openings on 50 Mc, but here's what he lists: Eastern US to South America 1200 to 1800 EST (1). Central US to South America 1100 to 1800 CST (1). Western US to South America 1100-1800 PST (1) and to Australasia 1400 to 1800 PST (1). The (1) means openings on from 1 to 4 days. This forecast should be good through May 15. Thanks, George.

Locally, DX has been almost nil. There has been no BBC in March, except for a couple of very weak traces of audio. The trans-US MUF only reached 43.58 Mc a few times, and fell below 35.22 Mc several times during the daylight hours, and almost unheard-of thing since last Sept. Some reports say the peak in the sunspot cycle is passed, but the fall-off is slower than the build-up, so next winter should still be as good or better for F2 DX than the winter of '56-'57m when the MUF went to 54 Mc several times. So the BBC ch 1 should reach most of the US again next winter.

IDX RECORDS: So far, there are almost no IDX loggings reported for this section. However, from those that are in I must repeat a few requirements of loggings for them to be valid. For one thing, the call letters, location, propagation mode, mileage, and YOUR area at the time of the logging must be included. I do not have time to look any of these up, and hence I'm forced to disqualify any report that doesn't contain all this info, unless you have made other arrangements with me. Loggings that do not list the actual date and hour of the logging or the verification status will be listed only once, unless info is supplied before the next listing. Also, if your records are not on a separate card or sheet of paper, you take the chance of having your loggings misplaced. For this time, I will list all that I have, in as much as there are so few. Listings are: Channel, miles, Prop., ID or verie, call, town, date, time, and DXer.

NW area: 2, 2,900, F2, Positive ID, CKOW Moncton, N.B. Feb 4-8, '58, AM, Doris Johnson
2, 2,900, F2, "A" verie, CKOW Moncton, N.B. Feb 4-8, '58, AM, Ed Hopp (tie)
2, 2,800, Es, "B" verie, CMAB, Havana, Cuba, May 22, '57, 1232PST, D. Johnson
2, 2,700, IS, "B" verie, KONA Honolulu, TH. Mar 9, '57, 1251PST, D. Johnson
5, 3,750, Es, "B" verie, WQRA Mayaguez, PR. Jul 21, '57, 1914PST, D. Johnson

*IS - Ionospheric Scatter, includes MS. "A" verie - photo, "B" verie, "Log checks" letter. NO area - none, NE area:

Europe, 7, F2, "B" verie, BBC chs 1 & 2, London, etc. Dec 21-Feb 16, '58, Stan Penc
2, ???? Es, "B" verie, WKAQ San Juan, PR. July 22, '54, 0700 EDT, King Schafer
4, ???? IS, "B" verie, WAPA San Juan, PR. June 27, '56, 0300 EDT, King Schafer
6, ???? Es, "B" verie, C? St. Johns, Nfld. Dec 31, '57, 2240 EST, King Schafer

SE area - none, SO area - none, SW area:

Europe, 5,400, F2, Positive ID, BBC ch 1, BBC ch 2 audio, France ch 2 audio,
Oct thru Feb '58, 0630-1300 PST Gordon Simkin

Outside US:

Europe, 10,800, F2, "B" verie, BBC ch 1, London, Dec 5, '57, 1230 GMT, George Palmer
2, 3,000, TE, Positive ID, KONA Honolulu, TH. Mar & Apr '56, PM, Simkin, Eniwetok Atoll
3, 3,600, TE, Positive ID, DZAQ Manila, PI. March '56 late PM, Simkin, Bikini Atoll
4, 3,000, TE, Positive ID, KULA Honolulu, TH. Mar & Apr '56, PM, Simkin, Eniwetok Atoll.

How about at least one area submitting records for every US channel (2-13) for Es, tropes, and IS by next time? I repeat, I don't have time to dig them out of your letters, nor time to fill in missing info. (Unless I know it by memory.)

PROPAGATION: During the course of my correspondence with various AIPA members and non-members, I have run across several misunderstandings about propagation. I think the most annoying one to me is the listing of meteor scatter in excess of 1500 miles. This is a theoretical limit, and has never been achieved in controlled equipment set up just to measure this factor. Double-hop MS is unthinkable - the signal strength from a single hop is very weak, and a second reflection, even if two meteors did occur at the exact same time and right spots for double hop, (which is very unlikely) would be so weak that the best installation wouldn't be able to bring it in. Hence, all loggings over 1500 miles of a scatter nature will not be considered as MS alone. It could be partly by Es or other means, or even some other type of ionospheric scatter, and I will use the general term "Ionospheric Scatter" (IS).

Two common misunderstandings arise in connection with Es, one regarding distance covered in a hop, and the other regarding the MUF. Most Es occurs at virtual heights of from 100 to 130 Km (kilometers), and at this height, the maximum distance would be

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around 1500 miles for single hop. 1200 miles is generally the best distance. I have data of one or two cases of Es where the height is over 200 Km, which would allow DX for a single hop to reach 2000 miles, but these cases were not strong enough for Es to reflect TV.

As for MUF, it is possible for it to reach 125 Mc, and it does at times, but only on rare occasions. One or two cases of DX on 144 Mc are attributed to Es, but there is little proof. It seems almost impossible that the MUF would reach 150 Mc, to say nothing of TV channel 7! However, if you have any logging which you believe to be by Es on ch 7 or higher, please send me all the info about it you can - books can be wrong, you know. I do not question the loggings, but the propagation mode.

Another idea concerning Es is relating to how it reflects. Es is not like a mirror. It actually bends the signals very gradually over a considerable distance. The amount of bending is dependant on the frequency and the ionization density of the layer. But for a given ionization density, higher frequencies are bent less than the lower ones. This means that when you are receiving DX on say channel 6, that a channel 3 station in the same town may be reflected more sharply, so as to prevent your receiving the channel 3 station at all. It doesn't always work this way, but it can be so pronounced that the sound and picture don't even come in together. This is the case when you get the sound and no picture. If you get picture and no sound, the Es layer is likely just not dense enough to reflect the higher frequency. Hence, you must not assume that because I've IDed KEYT-5 and am seeing a DXer on ch 4, that it is necessarily WOAI-4. It could be KGNC, KRLD, or even WKY. This thing would become even more noticable on double-hop. So be sure to ID each station if possible - the other channel might be triple-hop! Of course, it often happens that you do get more than one channel from the same location at the same time.

There is also some opinions that Es is better at night than in the daytime. I have never found this so at any one of 5 DXing locations. More people are home to DX at night, and this accounts for the greater number of reports for that time. With data available from 15 ionosodes for July and August, '57, I have compiled some info on this subject. Looking first at the 6 ionosodes in or near the US proper, I find that the best hour as far as number of openings is concerned, was 1600 hours at the mid-point, with 0900 to 1100, 1500, & 2000 following close behind. Looking at the MUF, the highest value was at 0600, with close followers at 0300, 0900, 1000, and 1900. The worst time for Es TV DX was 2200 to 2400, with 1700 following close behind and 0400 to 0800 pretty low also. 1300 showed the lowest values between 0900 and 1600 however you look at it.

Throwing in all the others, leaves about the same general picture, except nighttime Es in Alaska and Northern Canada somewhere it occurs quite often. The only values that reached an MUF of 125 Mc occurred one at 0800 and two at 1500 - all three north of all TV. Remember, these times are for local time at the mid-point of the path. From this over-all view-point, 0400 is the poorest time for Es, and the best time is still 1600.

When I had lots of time for TV DXing, and a good location (both Florida and Virginia) I always found better Es in the daytime than at night, both as to number of openings and as to signal strength and picture quality. My old logs showed no DX before 0800, building to a peak by 0900, and gradually dropping off to 1200, up again by 1500 and to a lull at 1800 with a small increase after sunset. However, it seems that evening openings are more widespread, and hence give better chance for double-hop DX. But when double-hop daytime Es does occur, it is apt to be better.

By the time you read this, the summer Es should begin to pop in around the contry side, so don't miss these early openings - they are often very good. And if you have any daytime Es from your south, better watch out for South America by Es F2, while the TE (trans-equatorial scatter) may be strong at night. Hams have already noted some TE as far north as Canada! Such DX is likely to be quite weak, very ghostly and the sound may even be flittery. Any such DX should be reported immediately, whether IDed or not. If you have no stations off channel 2,3, or 4, I'd suggest that you turn your antenna south and leave the set going all evening - if you can.

I hope noone takes any of this as personal slams, as none of it is intended to be but just for your information and education. Good luck to all, and don't forget to send in IDX loggings and regular reports. Thanks.

-gs

This months column fairly hit better than the last few months, due to a little skip..not much..not some.

To start with, Alan Livingston of Tulsa, Okla., reports, that on Dec. 19, 1957..he logged KYW-3 by skip, and on Dec. 20, KROD-4 by skip and KSIX-10..at 703 miles..by skip (a real good haul)..all these are new for Alan, bringing his total up to 76 logged. Alan also notes that Mexico was received on Jan. 10 on chs. 3, 4, 5, but no veries.

Jim Dillon of Regina, Sask, Canada, logged 1 new for this period, bringing his total logged up to 68. Jan. 29, CFQC-8 tropes, Feb. 10, Aurora seen on ch. 3 and 4, Feb. 22, KQZB-13 by tropes, and KMOT-10 by tropes, (new). Here's hoping you get some of the Mar. skip, Jim!

Percy Cox of Visalia, Calif., sends in his loggings for last 3 months. Dec. 30, KMID-2, KBST-4, and Jan. 9, he notes 6 meter hams on ch. 2 with much interference on ch. 2. Feb. 8, KEW-2, Feb. 9, KREM-2 KOMO-4 and Feb. 16, KOTB-2, KIDM-3, KORA-3, KVIP-7, KWTU-11 and Feb. 16, San Francisco stations all real good! Feb. 22, KTVU-2 New, and KVIP-7. With KOTB-2 and KIDM-3 both new, Percy now has 98 logged.

A real nice report and letter from Dennis Smith of Waco, Calif., Since fall of '57, he has been attending Bakersfield Junior College, and DXing has been pretty much forgotten, due to not enough time. Dennis sends along his Record of skip and tropes for me..and here it is:

Longest skip..KKKA-2..2,200 miles..6/5/55

Shortest skip..KID-3..() miles, 3/15/58

Longest Tropes..KVIP-7..385 miles

shortest tropes..KQVR-13..210 miles.

Dennis writes that a fellow college friend..Bob Gilchrist, is a interested DXer..altho not a AIPA'r. He has received a few tropes from northern California..and his first taste of skip on March. 15..has a VHF high band folded dipole with reflector, and a UHF corner reflector. Good luck to you Bob..and I hope to be able to welcome you to our fine club, soon. NOW, to get down to Dennis's loggings for March.

Mar. 1, KTVU-2 new..tropes. Mar. 2, KTVU-2 tropes, March. 15, KMID-2, KFDX 3, KRLD-4, KID-3 new, KFBC-5, KOOK, KOCO-5, WBAP-5 all skip. With 2 new Dennis now has a total of 81 logged. Hope to hear from you more often!

Ed Hepp of Portland, has been working so much at his two radio jobs I hardly ever hear from him anymore, but he has done right well by the looks of his report sheet. March 11, he notes Aurora, and March 15, strong E's noted with KROD-4, KTVK-3, KVOA-4, KNXT-2, KPHO-5, KLRJ-2 KEYT-3 and KTLA-5. March 24, KBOI-2 was received by the same type of propagation as before. Visible for about 1 minute..good audio, weak video and steady. Ed now has 85 logged. Thanks for report Ed.

Ray O'Rear of Zillah, Wash, IDed two loggings for our skip of the 15th of March. KNXT-2, KVOA-4 and unide on ch. 3, 5, and 6. Logged to date..65. Better luck next time, Ray.

Norris Doyle of Pittsburg, Calif., writes that he felt sure that the t.p. that KTVU-2 was using was a IHTP. Yes..if it had a Indian at top it was a IHTP, Norris..The RMTA-type t.p. is what is easier identified by being square..know what I mean now? He also notes that he has received few ch. 3's by DX..only 3 since April of '55. His logging of this time are: March 15, KMID-2, KTVI-2, new, KFDX-3, KEDY-4, KGNC-4, KCEN-6 all by skip, with 1 new..total logged 39.(I'll try not to move you around to too many cities..Hi Hi)

Morris Foote of Middleton, Idaho, writes that he had a nice visit with Gordon Simkin, while visiting ⁹⁰⁰ vacations on way to Tucson, Ariz the last of Feb. His log for this time reads: March. 11, Aurora Dx noted on low bands. March. 12, KNXT-2 by ms, Mar. 15, KVOA-4, KRCA-4, and unide on ch. 2-5-6 all by skip. Mar. 19, KDAL-3 by skip, and Mar. 14 by ms...KNXT-2. 77 logged to date.

Western DX..Con't.

Edwin Shorey of Derby, Kans. logged 2 new this time..one by skip..and one by ms. to bring his total up to 183. Feb. 22, KETV-7 tropes, KRNT-8 by tropes, Mar. 15, KNXT-2 and KTLA-5 (new) by skip, and Mar. 6, WDAY-6, by ms..(new). Thanks for report.

Your Editor here..Dee Johnson..also has a small report to type up. The usual daily ms..KOOK-2, KUTV-2, CKCK-2, and occasionally, KDIX-2, KNXT-2, KTVU-2, and CHBO-2, KTW-2, KTVR-2..all ms. March 11, aurora was noted on low band chs. Mar. 15, skip was logged from KTVK-3, KNXT-2, KRCA-4, KTLA-5, KVOA-4, KEYTV-3, KLRJ-2, and some unids. Mar. 18, weak skip was noted on ch. 2. Mar. 25, KREM-2 by ?? same type of unusual propagation noted by others..good audio..weak but steady video for 24 minutes..then fading very quickly. Mar. 26, KCKT-2 by ms. and that is the sum total of my loggings. Total logged 107.

2

A letter and report just in from Eddie Albright of Medford, Ore. He mentions getting the AERS.(do you mean Armed Forces Radio Sta.?) on ch. 3 at 600 miles..with audio good. They operate on 30.5 mc and so the first harmonic would be about 61 to 65 mc..or right on ch. 3. No reports of any other such similar occurrences on Mar. 18. (Last summer, I received the AERS from Northern California..audio only of course..Hi..on ch. 11, about 5 or 6 times, but noticed my antenna always had to be pointing north, to Canada..and when CHUT-2 was on the air..this brought in the audio of the AERS.) Eddie also reports receiving a IHTP on ch. 3 on Mar. 25, from 1036 to 1045 PST by ms. I have no idea what ch. 3 this could be..maybe some one else can help?? Mar. 17 brought in a unid on ch. 2 (RETA 7 P..could this be KTVU-2 in San Francisco Eddie?) and also a unid on ch. 3 by ms. Tropes were good on ch. 4-5-6-7-8-12-13 also on Mar. 17. Mar. 20 brought in a unid on ch. 3 by ms. Eddie now has 69 logged. That appears to wrap it up for this month. Here's hoping that Mar. 15, was the start of a real good skip season! See you next month..

73

Dee Johnson
146 Maddock Pl.
Longview, Washington

April 6, 1958

Co-Channel Interference Column - conducted by Bedford Brown, Jr.

Address: Room 411, The Goodall Wooten, 2116 Guadalupe, Austin 18,
Texas

First my apologies to all for the ~~unlike~~ absence of my column in the March bulletin. It is still not too clear to me just what happened to it.. It was mailed in plenty of time but apparently was either held up in the mails somewhere or was grounded somewhere by bad weather. That is always the danger in sending letters air mail.

It is April and time once again for the election of A.I.P.A. officers. Post cards will be enclosed in the bulletins with spaces for voting for each office. The following officers will be elected:

1. President
2. Vice-President
3. Board of Directors (six members).

A list of all members eligible for the election will be published in this bulletin. As you vote, remember that a board member cannot serve as President or Vice-President or vice versa. This year I would like to again stress that it is very necessary that every member vote in order to have a true election. In last year's election only one-third of the A.I.P.A. members voted. The vote for board members was so close that a few more votes could have completely changed the results. So let's have 100% voting this year.

NOTE** If you do not receive an enclosed post card in your bulletin, please write or send a card to me with your choices for President, Vice President, and six board members. Send them to me by the May deadline. Thanks, best dx and 73's until next month, Bedford Brown

Co-Channel Interference Column----conducted by Bedford Brown, JR.,
Room 411, The Goodall Wooten, 2116 Guadalupe, Austin, Texas, U.S.A.

Unidentified Programs (All time is Eastern Standard Time.)

Bryan Rawlings, 4378 Wilson Avenue, Montreal 28, Quebec, Canada

1. Jan. 23 7:44am ch. 4 - slide "Western Theater"
2. Feb. 6 9:26am ch. 4 - cartoons (overrode CBOT)
3. Feb. 19 6:33pm ch. 9 - Woman seemed to be talking on telephone - said something about strongbox(?) - probably film (overrode CBOT)
Any ideas?

Bryan also reports a verification from WHEN-TV.

I believe that the ghostly reception that Morris Foote reported to me in his February report must certainly have been F2-skip, since F2 seemed to be prevailing from the Pacific Northwest to the extreme northeastern part of the continent at the time of his reception. Also I hope that Morris's March report was not lost in the mails, since I received no report from him this month. Spring must really be at a lull now, but I believe that tropospheric reception should pick up across the South pretty soon as the spring storms move farther north.

Elections-As I have received no notice to the contrary, I suppose that this column will again handle the elections, which will be held next month. Officers to be elected will be President, Vice President, and (six) Board of Directors. A list of eligible members for the election will be published next month, and cards will be enclosed in the bulletins. Please fill out the cards and mail them before the May deadline. It is very important that every member votes. The voting list will be checked against last year's to see what per centage of the club votes. Only about one third of the members voted last year. Let's make it 100% this year.

That's it for a very short column this month. 73's and best dx, Bedford